

**CIRCUIT FOR THE DETECTION OF A DEFECTIVE POWER SUPPLY  
CONNECTION**

**Abstract of the Disclosure**

5 A device for detecting a defective power supply connection in an integrated circuit includes a comparison circuit for comparing voltage levels of an input/output pad of the integrated circuit and an internal power supply line connected to a power supply pad of the integrated circuit. A pull-down or pull-up device is connected between the input/output pad and the internal power supply line.

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